

## IN THE SPECIFICATION

Please amend the specification as follows:

1. Insert the following heading at page 1, line 3 (immediately after the title on page 1):

FIELD OF THE INVENTION

2. Insert the following heading at page 1, line 10 (immediately before the second paragraph on page 1):

BACKGROUND OF THE RELATED ART

3. Insert the following heading at page 4, line 9 (immediately before the third paragraph on page 4):

SUMMARY OF THE INVENTION

4. Insert the following heading at page 5, line 20 (immediately before the fifth paragraph on page 5):

BRIEF DESCRIPTION OF THE DRAWINGS

5. Insert the following heading at page 6, line 8 (immediately before the fifth paragraph on page 6):

DETAILED DESCRIPTION OF THE INVENTION

6. Amend the first paragraph on page 1 (beginning at line 4) to state:

“This invention relates to communication systems. It is particularly applicable to wireless communication systems ~~system~~ where a scheduling algorithm assigns channel resources to users for transmission and reception of data. More specifically, the present invention relates to a method for performing a scheduling algorithm ~~as set forth in the independent claim 1~~ and a method of calculating a minimum resource parameter for use in a scheduling algorithm ~~as set forth in independent claim 2.~~”

7. Amend the fifth paragraph on page 4 (beginning at line 15) to state:

“The above objects are solved by methods as set forth below ~~in independent claims 1 and 2.~~”